

## WEST Search History for Application 10564697

Creation Date: 2009092810:35

((magnetic adj resonance) or mri or nmr) and (magnetic with field with correlation)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

((magnetic adj resonance) or mri or nmr) and (magnetic adj field with correlation)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

((magnetic adj resonance) or mri or nmr) and (magnetic adj field adj correlation)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

((magnetic adj resonance) or mri or nmr) and (magnetic adj field adj correlation) and (asymmetric with spin with echo)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

((magnetic adj resonance) or mri or nmr) and (asymmetric with spin with echo)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

((magnetic adj resonance) or mri or nmr) and (asymmetric with spin with echo) and (((two or more) or plurality) with spin with echo)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

((magnetic adj resonance) or mri or nmr) and (asymmetric with spin with echo) and (((two or more) or plurality) with spin with echo) and (asymmetric with spin with echo)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

((magnetic adj resonance) or mri or nmr) and (asymmetric with spin with echo) and (((two or more) or plurality) with spin with echo) and ((magnetic with field with correlation) or MFC)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

(asymmetric with spin with echo) and (((two or more) or plurality) with spin with echo) and ((magnetic with field with correlation) or MFC)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

(asymmetric with spin with echo) and ((magnetic with field with correlation) or MFC)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

((magnetic adj resonance) or mri or nmr) and (asymmetric with spin with echo) and (((two or more) or plurality) with spin with echo)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

((magnetic adj resonance) or mri or nmr) and (asymmetric adj spin adj echo) and (((two or more) or plurality) with spin adj echo)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

((magnetic adj resonance) or mri or nmr) and (asymmetric adj spin adj echo) and (((two or more) or plurality) with spin adj echo) and ((magnetic with field with correlation) or MFC)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

((magnetic adj resonance) or mri or nmr) and (((two or more) or plurality) with spin with echo) and ((magnetic with field with correlation) or MFC)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

((magnetic adj resonance) or mri or nmr) and (((two or more) or plurality) with spin with echo) and ((magnetic adj field adj correlation) or MFC)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

((magnetic adj resonance) or mri or nmr) and (((two or more) or plurality) with spin with echo) and ((magnetic with field with correlation) or MFC)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

((magnetic adj resonance) or mri or nmr) and (magnetic adj field with correlation)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

((magnetic adj resonance) or mri or nmr) and (magnetic adj field adj correlation)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009  
 (asymmetric adj spin adj echo)PGPB, USPT, USOC, EPAB, JPAB, DWPI,  
 TDBD ADJ 05-06-2009  
 (asymmetric adj spin adj echo) and (((two or more) or plurality) with spin with echo)PGPB,  
 USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009  
 (asymmetric adj spin adj echo) and (((two or more) or plurality) with spin with echo) and  
 ((dual with spin with echo) or (ADSE))PGPB, USPT, USOC, EPAB, JPAB, DWPI,  
 TDBD ADJ 05-06-2009  
 ((magnetic adj resonance) or mri or nmr) and (((two or more) or plurality) with spin with  
 echo) and ((magnetic with field with correlation) or MFC)PGPB, USPT, USOC, EPAB, JPAB,  
 DWPI, TDBD ADJ 05-06-2009  
 ((magnetic adj resonance) or mri or nmr) and (((two or more) or plurality) with spin with  
 echo) and ((magnetic with field with correlation) or MFC) and (computer or (storage with  
 medium) or software)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009  
 ((magnetic adj resonance) or mri or nmr) and (((two or more) or plurality) with spin with  
 echo) and ((magnetic with field with correlation) or MFC) and (computer or (storage with  
 medium) or software) and ((paramagnetic or iron) and (contrast with agent))PGPB, USPT,  
 USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009  
 ((magnetic adj resonance) or mri or nmr) and (((two or more) or plurality) with spin with  
 echo) and ((magnetic adj field adj correlation) or MFC) and (computer or (storage with  
 medium) or software)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009  
 ((magnetic adj resonance) or mri or nmr) and (((two or more) or plurality) with spin with  
 echo) and ((magnetic adj field adj correlation) or MFC)PGPB, USPT, USOC, EPAB, JPAB,  
 DWPI, TDBD ADJ 05-06-2009

## Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
((magnetic adj resonance) or mri or nmr)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
(magnetic adj field with correlation)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
(magnetic with field with correlation)	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ	YES		09-28-2009

	TDBD				
(magnetic with field with correlation) and (spin with echo)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
(magnetic with field with correlation) and (spin with echo) and ((magnetic adj resonance) or mri or nmr)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
(magnetic with field with correlation) and (spin with echo) and ((magnetic adj resonance) or mri or nmr) and (asymmetric\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
((magnetic adj resonance) or mri or nmr) and (asymmetric\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
((magnetic adj resonance) or mri or nmr) and (asymmetric\$4) and (magnetic with field with correlation)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
((magnetic adj resonance) or mri or nmr) and (asymmetric\$4) and (magnetic same field same correlation)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
((magnetic adj resonance) or mri or nmr) and (asymmetric\$4) and (magnetic same field same correlation) and (spin with echo)	PGPB, USPT, USOC,	ADJ	YES		09-28-2009

	EPAB, JPAB, DWPI, TDBD				
( 324/300  324/301  324/302  324/303  324/304  324/305  324/306  324/307  324/308  324/309  324/310  324/311  324/312  324/313  324/314  324/315  324/316  324/317  324/318  324/319  324/320  324/321  324/322 or 600/407  600/408  600/409  600/410  600/411  600/412  600/413  600/414  600/415  600/416  600/417  600/418  600/419  600/420  600/421  600/422  600/423  600/424  600/425  600/426  600/427  600/428  600/429  600/430  600/431  600/432  600/433  600/434  600/435  600/436  600/437  600/438  600/439  600/440  600/441  600/442  600/443  600/444  600/445 or 128/653.2 653.5).ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
(( 324/300  324/301  324/302  324/303  324/304  324/305  324/306  324/307  324/308  324/309  324/310  324/311  324/312  324/313  324/314  324/315  324/316  324/317  324/318  324/319  324/320  324/321  324/322 or 600/407  600/408  600/409  600/410  600/411  600/412  600/413  600/414  600/415  600/416  600/417  600/418  600/419  600/420  600/421  600/422  600/423  600/424  600/425  600/426  600/427  600/428  600/429  600/430  600/431  600/432  600/433  600/434  600/435  600/436  600/437  600/438  600/439  600/440  600/441  600/442  600/443  600/444  600/445 or 128/653.2 653.5).ccls. ) and (((magnetic adj resonance) or mri or nmr) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
(( 324/300  324/301  324/302  324/303  324/304  324/305  324/306  324/307  324/308  324/309  324/310  324/311  324/312  324/313  324/314  324/315  324/316  324/317  324/318  324/319  324/320  324/321  324/322 or 600/407  600/408  600/409  600/410  600/411  600/412  600/413  600/414  600/415  600/416  600/417  600/418  600/419  600/420  600/421  600/422  600/423  600/424  600/425  600/426  600/427  600/428  600/429  600/430  600/431  600/432  600/433  600/434  600/435  600/436  600/437  600/438  600/439  600/440  600/441  600/442  600/443  600/444  600/445 or 128/653.2 653.5).ccls. and ((magnetic adj resonance) or mri or nmr) ) and ((magnetic adj field with correlation) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
(( 324/300  324/301  324/302  324/303  324/304  324/305  324/306  324/307  324/308  324/309  324/310  324/311  324/312  324/313  324/314  324/315  324/316  324/317  324/318  324/319  324/320  324/321  324/322 or 600/407  600/408  600/409  600/410  600/411  600/412  600/413  600/414  600/415  600/416  600/417  600/418  600/419  600/420  600/421  600/422  600/423  600/424  600/425  600/426  600/427  600/428  600/429  600/430  600/431	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009

1600/432 1600/433 1600/434 1600/435 1600/436 1600/437 1600/438 1600/439 1600/440 1600/441 1600/442 1600/443 1600/444 1600/445 or 128/653.2 653.5).ccls. and ((magnetic adj resonance) or mri or nmr) ) and ((magnetic with field with correlation) )					
(( 324/300 1324/301 1324/302 1324/303 1324/304 1324/305 1324/306 1324/307 1324/308 1324/309 1324/310 1324/311 1324/312 1324/313 1324/314 1324/315 1324/316 1324/317 1324/318 1324/319 1324/320 1324/321 1324/322 or 600/407 1600/408 1600/409 1600/410 1600/411 1600/412 1600/413 1600/414 1600/415 1600/416 1600/417 1600/418 1600/419 1600/420 1600/421 1600/422 1600/423 1600/424 1600/425 1600/426 1600/427 1600/428 1600/429 1600/430 1600/431 1600/432 1600/433 1600/434 1600/435 1600/436 1600/437 1600/438 1600/439 1600/440 1600/441 1600/442 1600/443 1600/444 1600/445 or 128/653.2 653.5).ccls. and ((magnetic adj resonance) or mri or nmr) and (magnetic with field with correlation) ) and ((magnetic with field with correlation) and (spin with echo) and ((magnetic adj resonance) or mri or nmr) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
(( 324/300 1324/301 1324/302 1324/303 1324/304 1324/305 1324/306 1324/307 1324/308 1324/309 1324/310 1324/311 1324/312 1324/313 1324/314 1324/315 1324/316 1324/317 1324/318 1324/319 1324/320 1324/321 1324/322 or 600/407 1600/408 1600/409 1600/410 1600/411 1600/412 1600/413 1600/414 1600/415 1600/416 1600/417 1600/418 1600/419 1600/420 1600/421 1600/422 1600/423 1600/424 1600/425 1600/426 1600/427 1600/428 1600/429 1600/430 1600/431 1600/432 1600/433 1600/434 1600/435 1600/436 1600/437 1600/438 1600/439 1600/440 1600/441 1600/442 1600/443 1600/444 1600/445 or 128/653.2 653.5).ccls. and ((magnetic adj resonance) or mri or nmr) and (magnetic with field with correlation) and (magnetic with field with correlation) and (spin with echo) and ((magnetic adj resonance) or mri or nmr) ) and ((magnetic with field with correlation) and (spin with echo) and ((magnetic adj resonance) or mri or nmr) and (asymmetric\$4) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
6411613.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
(6411613.pn. ) and asymmetric\$4	PGPB, USPT, USOC,	ADJ	YES		09-28-2009

	EPAB, JPAB, DWPI, TDBD				
<b>6526306.pn.</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
<b>(asymmetric asj spin with echo)</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
<b>(asymmetric adj spin with echo)</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
<b>(asymmetric adj spin with echo) and (refocus\$4 with pulse)</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
<b>(asymmetric adj spin with echo) and (refocus\$4 with pulse) and (rotation adj pulse)</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
<b>(( 324/300  324/301  324/302  324/303  324/304  324/305  324/306  324/307  324/308  324/309  324/310  324/311  324/312  324/313  324/314  324/315  324/316  324/317  324/318  324/319  324/320  324/321  324/322 or 600/407  600/408  600/409  600/410  600/411  600/412  600/413  600/414  600/415  600/416  600/417  600/418  600/419  600/420  600/421  600/422  600/423  600/424  600/425</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009

1600/426 1600/427 1600/428 1600/429 1600/430 1600/431 1600/432 1600/433 1600/434 1600/435 1600/436 1600/437 1600/438 1600/439 1600/440 1600/441 1600/442 1600/443 1600/444 1600/445 or 128/653.2 653.5).ccls. and ((magnetic adj resonance) or mri or nmr) ) and (((magnetic adj resonance) or mri or nmr) )					
(( 324/300 1324/301 1324/302 1324/303 1324/304 1324/305 1324/306 1324/307 1324/308 1324/309 1324/310 1324/311 1324/312 1324/313 1324/314 1324/315 1324/316 1324/317 1324/318 1324/319 1324/320 1324/321 1324/322 or 600/407 1600/408 1600/409 1600/410 1600/411 1600/412 1600/413 1600/414 1600/415 1600/416 1600/417 1600/418 1600/419 1600/420 1600/421 1600/422 1600/423 1600/424 1600/425 1600/426 1600/427 1600/428 1600/429 1600/430 1600/431 1600/432 1600/433 1600/434 1600/435 1600/436 1600/437 1600/438 1600/439 1600/440 1600/441 1600/442 1600/443 1600/444 1600/445 or 128/653.2 653.5).ccls. and ((magnetic adj resonance) or mri or nmr) ) and (((magnetic adj resonance) or mri or nmr) ) and ((magnetic adj field with correlation) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
(( 324/300 1324/301 1324/302 1324/303 1324/304 1324/305 1324/306 1324/307 1324/308 1324/309 1324/310 1324/311 1324/312 1324/313 1324/314 1324/315 1324/316 1324/317 1324/318 1324/319 1324/320 1324/321 1324/322 or 600/407 1600/408 1600/409 1600/410 1600/411 1600/412 1600/413 1600/414 1600/415 1600/416 1600/417 1600/418 1600/419 1600/420 1600/421 1600/422 1600/423 1600/424 1600/425 1600/426 1600/427 1600/428 1600/429 1600/430 1600/431 1600/432 1600/433 1600/434 1600/435 1600/436 1600/437 1600/438 1600/439 1600/440 1600/441 1600/442 1600/443 1600/444 1600/445 or 128/653.2 653.5).ccls. and ((magnetic adj resonance) or mri or nmr) ) and (((magnetic adj resonance) or mri or nmr) ) and ((magnetic adj field with correlation) ) and ((magnetic with field with correlation) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
(( 324/300 1324/301 1324/302 1324/303 1324/304 1324/305 1324/306 1324/307 1324/308 1324/309 1324/310 1324/311 1324/312 1324/313 1324/314 1324/315 1324/316 1324/317 1324/318 1324/319 1324/320 1324/321 1324/322 or 600/407 1600/408 1600/409 1600/410 1600/411 1600/412 1600/413 1600/414 1600/415 1600/416 1600/417 1600/418 1600/419 1600/420 1600/421 1600/422 1600/423 1600/424 1600/425 1600/426 1600/427 1600/428 1600/429 1600/430 1600/431 1600/432 1600/433 1600/434 1600/435 1600/436 1600/437 1600/438 1600/439 1600/440 1600/441 1600/442 1600/443 1600/444 1600/445 or 128/653.2 653.5).ccls. and ((magnetic adj resonance) or mri or nmr) ) and (((magnetic adj resonance) or mri or nmr) ) and ((magnetic adj field with correlation) ) and ((magnetic	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009

with field with correlation) ) and ((magnetic with field with correlation) and (spin with echo) and ((magnetic adj resonance) or mri or nmr) )					
(( 324/300  324/301  324/302  324/303  324/304  324/305  324/306  324/307  324/308  324/309  324/310  324/311  324/312  324/313  324/314  324/315  324/316  324/317  324/318  324/319  324/320  324/321  324/322 or 600/407  600/408  600/409  600/410  600/411  600/412  600/413  600/414  600/415  600/416  600/417  600/418  600/419  600/420  600/421  600/422  600/423  600/424  600/425  600/426  600/427  600/428  600/429  600/430  600/431  600/432  600/433  600/434  600/435  600/436  600/437  600/438  600/439  600/440  600/441  600/442  600/443  600/444  600/445 or 128/653.2 653.5).ccls. and ((magnetic adj resonance) or mri or nmr) ) and (((magnetic adj resonance) or mri or nmr) ) and ((magnetic adj field with correlation) ) and ((magnetic with field with correlation) ) and ((magnetic with field with correlation) and (spin with echo) and ((magnetic adj resonance) or mri or nmr) ) and (((magnetic adj resonance) or mri or nmr) and (asymmetric\$4) and (magnetic same field same correlation) and (spin with echo) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
(( 324/300  324/301  324/302  324/303  324/304  324/305  324/306  324/307  324/308  324/309  324/310  324/311  324/312  324/313  324/314  324/315  324/316  324/317  324/318  324/319  324/320  324/321  324/322 or 600/407  600/408  600/409  600/410  600/411  600/412  600/413  600/414  600/415  600/416  600/417  600/418  600/419  600/420  600/421  600/422  600/423  600/424  600/425  600/426  600/427  600/428  600/429  600/430  600/431  600/432  600/433  600/434  600/435  600/436  600/437  600/438  600/439  600/440  600/441  600/442  600/443  600/444  600/445 or 128/653.2 653.5).ccls. and ((magnetic adj resonance) or mri or nmr) and ((magnetic adj resonance) or mri or nmr) and (magnetic adj field with correlation) and (magnetic with field with correlation) and (magnetic with field with correlation) and (spin with echo) and ((magnetic adj resonance) or mri or nmr) and ((magnetic adj resonance) or mri or nmr) and (asymmetric\$4) and (magnetic same field same correlation) and (spin with echo) ) and (rotation with pulse)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
(( 324/300  324/301  324/302  324/303  324/304  324/305  324/306  324/307  324/308  324/309  324/310  324/311  324/312  324/313  324/314  324/315  324/316  324/317  324/318  324/319  324/320  324/321  324/322 or 600/407  600/408  600/409  600/410  600/411  600/412  600/413  600/414  600/415  600/416  600/417  600/418  600/419	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ	YES		09-28-2009



600/420  600/421  600/422  600/423  600/424  600/425  600/426  600/427  600/428  600/429  600/430  600/431  600/432  600/433  600/434  600/435  600/436  600/437  600/438  600/439  600/440  600/441  600/442  600/443  600/444  600/445 or 128/653.2 653.5).ccls. and ((magnetic adj resonance) or mri or nmr) and ((magnetic adj resonance) or mri or nmr) and (magnetic adj field with correlation) and (magnetic with field with correlation) and (magnetic with field with correlation) and (spin with echo) and ((magnetic adj resonance) or mri or nmr) and ((magnetic adj resonance) or mri or nmr) and (asymmetric\$4) and (magnetic same field same correlation) and (spin with echo) ) and (rotation adj pulse)	TDBD				
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